

Bid Letting: OCTOBER 11, 2012

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Just a reminder that Monday, October 8th, 2012 is a state holiday so the Q & A Forum will be closed today, October 5th, 2012 at 3:00pm.  
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Updated Wed. 26-Sep-2012 8:45 MDT
This is to draw attention to the Buy America requirements associated with these contracts. Specifics on the contractual requirements can be found in Subsection 106.09 - Domestic Materials as applicable to this contract and the associated Form 406 which must be signed and submitted by the Prime Contractor prior to material incorporation. In advance of bidding inform Subcontractors and Suppliers that the Department will not accept mill provided letters as documentation for Category 1 items in lieu of the required signed mill test reports. Additionally, domestic material statements associated with Category 2 items will not be accepted unless it clearly indicates that the material meets the Buy America requirements. The Buy America requirements entail that all manufacturing processes, including the initial melting/recycling, have occurred within the United States. Statements such as "Made and manufactured in the United States" or "Made in the USA" will no longer be accepted as these have the potential of being exploited and used to work around the 100% melted/recycling and manufactured in the United States requirement. For further information on the Buy America law and provision, please refer to 23 USC Section 313, 23 CFR 635.410, and the FHWA's Buy America Q and A site.

OCTOBER 11, 2012

101 - MANCHESTER - VAUGHN

Clarification:

Submitted: Thu, 04-Oct-2012 15:18 MDT

An Addendum has been posted for this project. Please click on the following link to access the information.

ADDENDUM

To download the addendum bid file, click here. **BID FILES**

Clarification:

Submitted: Fri, 05-Oct-2012 09:24 MDT

Plan sheets B4 and B5 were revised to show the correct cross references.

These sheets can be found at the

following link: **REVISED PLAN SHEETS B4 AND B5**

-1-

Submitted: Mon, 17-Sep-2012 13:44 MDT
Company: Cretex Concrete Products, Inc.
Contact: Gary Williams

Question:

Bid Item 611 010 075 Cattle Guard 62 ft Standard is not detailed on Sheet 611-15 or 611-20 of the Detailed Drawings. Can you please provide a detail showing the desired configuration and location of the slice for a precast Cattle Guard Base? Also, will multiple splices be required to meet the anticipated crown of the road?

Answer:

Submitted: Tue, 18-Sep-2012 04:02 MDT
The description for item # 611 010 075 - Cattle Guard 62 FT - Standard is hereby changed to Cattle Guard 64 FT - Standard. Provide cattle guard and base to match a normal crown with 32 feet on each side of the centerline crown.

Updated: Fri, 05-Oct-2012 13:51 MDT

REVISED PLAN SHEET B16

-2-

Submitted: Tue, 18-Sep-2012 08:13 MDT
Company: ADA Solutions, Inc.
Contact: Michael Ryan

Question:

Could you please tell me if there will be detectable warning surfaces put down on this job? If so, what types are called for? If so, what color is called for?

Answer:

Submitted: Tue, 18-Sep-2012 9:08 MDT
There are no detectable warning devices on this project.

-3-

Submitted: Mon, 01-Oct-2012 13:17 MDT
Company: LHC, Inc.
Contact: David Steely

Question:

Special Provision 10 states that there is Escrow of Bid Documents required for this project, but there is no bid item listed for it. Please clarify.

Answer:

Submitted: Tue, 02-Oct-2012 08:17 MDT
The Escrow of Bid Documents bid item will be added by addendum. The addendum is tentatively scheduled to be issued on Thursday, October 4, 2012.

-4-

Submitted: Wed, 03-Oct-2012 10:33 MDT
Company: Flathead Concrete Products
Contact: Tom Gorder

Question:

The length of the 62' Cattle Guard was changed to 64', but the question by Cretex still stands. Is there a detailed drawing to calculate the lengths and splices?

Answer:

Submitted: Thu, 04-Oct-2012 16:09 MDT

Meet the General Details of Detail Drawings 611-15 and 611-20. The overall end support for precast base

will be 64' 6" with 32' 3" each side of the centerline splice. The splice at centerline is required.

Additional splices to meet contractor construction methods are allowable.

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Submitted: Thu, 04-Oct-2012 09:23 MDT

Company: Nelcon, Inc.

Contact: Sam Weyers

Question:

Is lime required for item 401020311, RAP? If so, it does not appear that the quantity for item 401020300 is enough?

Answer:

Submitted: Wed, 04-Oct-2012 11:30 MDT

Hydrated Lime is required for the Hot Recycled Pl Mix 30% RAP. An addendum will be issued to change the

quantity of Hydrated Lime to 1,419.00 tons.

Updated: Fri, 05-Oct-2012 13:49 MDT

[REVISED PLAN SHEET B12](#)

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Submitted: Thu, 04-Oct-2012 11:32 MDT

Company: Tamietti Const Co

Contact: Bill Tamietti Jr

Question:

While reviewing the bid items for the project i notice you do not have a bid item for transverse Grooving i assume

this is an oversight and you will be adding same?

Answer:

Submitted: Thu. 04-Oct-2012 12:20 MDT

A bid item for Transverse Deck Grooving will be added by addenda.

Updated: Thu, 04-Oct-2012 15:57 MDT

Revised plan sheet #B2 now shows Transverse Deck Grooving and can be found at the following link:

[REVISED PLAN SHEET B2](#)

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Submitted: Thu, 04-Oct-2012 18:13 MDT

Company: Schellinger Construction Company Inc.

Contact: Mark Cyr

Question:

With regard to Special Provision no. 18; is it necessary to require a 4" minus material in dig out areas that are 3'

plus deep? Given the natural material found in nearby borrow sources is greater than 4" it would seem economically

feasible to specify an 8" minus material instead.

Answer:

Submitted: Fri, 05-Oct-2012 14:55 MDT

MDT Geotech has reviewed the specification and confirmed the necessity. The 4" minus requirement will remain.

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Submitted: Fri, 05-Oct-2012 09:42 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

Special Provision 17 states "No other median crossings or access breaks will be considered except for a pit access break."

Will access breaks be allowed along the interstate to access potential areas to waste the excess excavation from this project?

Answer:

Submitted: Wed, 10-Oct-2012 08:52 MDT

Access breaks to access potential waste areas will be considered as long as they are adjacent to a closed section of the interstate and haul units do not enter or exit the two-lane two-way traffic sections of the interstate. All access breaks are subject to MDT approval of contractor submitted Request For Access Break Form.

-9-

Submitted: Fri, 05-Oct-2012 09:47 MDT

Company: Rocky Mountain Steel Foundations

Contact: Ian Romain

Question:

Are the Tiebacks on only 1 wing wall? (total of 3?)

Answer:

Submitted: Wed, 10-Oct-2012 9:50 MDT

Bent 1 and 2 require repairs, total of 4 wingwalls, 12 tiebacks or as otherwise designed by contractor.

See bridge plan quantities Sheet B2, repair structure. Work on all 4 wingwalls is paid for as lump sum.

-10-

Submitted: Fri, 05-Oct-2012 09:48 MDT

Company: Rocky Mountain Steel Foundations

Contact: Ian Romain

Question:

For the tiebacks, is the required 16 kip tension force working/service level or Ultimate level?

Answer:

Submitted: Wed, 10-Oct-2012 9:50 MDT

The minimum required tieback system capacity of 16 kips is a service condition.

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Submitted: Fri, 05-Oct-2012 09:49 MDT

Company: Rocky Mountain Steel Foundations

Contact: Ian Romain

Question:

Is there any additional Geotechnical information (bores) near the wingwalls where the helical tiebacks are required?

Answer:

Submitted: Wed, 10-Oct-2012 9:52 MDT

No. See special provision #37, Item D(1).

-12-

Submitted: Fri, 05-Oct-2012 13:18 MDT

Company: Quality Landscape Seeding, Inc.

Contact: Lisa M. Read, PE

Question:

Regarding seeding area no. 2 and erosion control blanket, the two quantities don't match. Per the summary tables on the plans, there is an extra area of erosion control blanket that is not shown on the seeding summary. Shouldn't these two match?

Answer:

Submitted: Tue, 09-Oct-2012 08:27 MDT

A large portion of the grade to drain ditch beyond the 6:1 slope from Station 1228+00 to 1258+50 is designed with 3:1 slopes. These 3:1 slopes are not included in the Seeding Area No. 2 quantity based on Detailed Drawing 610-00 criteria. Due to the configuration of the V-ditch and additional drainage anticipated through this area, erosion control blanket has been added to this Seeding Area No. 1 in order to mitigate potential erosion issues in this area.

-13-

Submitted: Fri, 05-Oct-2012 14:40 MDT

Company: Schellinger Construction Co., Inc.

Contact: Marc Blanden

Question:

On Sheet 17 of the plans it calls out 348' of 18" CSP with a 90 degree bend and a racet. Could you provide a detailed drawing of how you anticipate installing this temporary drainage?

Do we have to pull existing pipe from existing inlet, put in 90 and run out to the side of the R.O.W. ?

Answer:

Submitted: Tue, 09-Oct-2012 12:33 MDT

In order to facilitate construction of the crossover above the existing median inlet at 1258+49.4 and to maintain median drainage to the same median inlet a temporary drainage structure must be installed between approximate station 1256+75 to the existing median inlet. To accomplish this, remove the existing median inlet grate, connect the 90 degree 18" CSP connection to the existing 24" riser (connection design is up to the contractor). Connect the remaining 18" CSP to the 90 degree connection. At approximate station 1256+75 (depending on crossover

construction) install the racet on the end of the 18" CSP. Replace the existing median inlet grate when the crossover is removed.

102 - AMSTERDAM ROAD/I 90 EB ON-RAMP

-1-

Submitted: Wed, 26-Sep-2012 15:43 MDT

Company: Northern Rockies Agency

Contact: Kit

Question:

Sheet E1 shows 5 new poles with No. 617-183-056 - 10-A-500-6. Page E-3 says the poles are 10-A-500-5 and they are existing. Confirm that these are to be new poles and confirm the mast arm length as 10', 12' OR 15'. Normally the 10-A-500-4 = 10', 10-A-500-5 = 12' and 10-A-500-6 = 15' mast arm.

Answer:

Submitted: Fri, 28-Sep-2012 14:40 MDT

The QUANTITY SUMMARY on sheet E1 is correct. The LUMINAIRE POLE SCHEDULE on sheet E3 is incorrect.

On sheet E3, the values in the LUMINAIRE POLE SCHEDULE should be as follows:

ITEM NO. = 617183056

TYPE = 10-A-500-6

LUMINAIRE MASTARM = 15 FT

LUMINAIRE TYPE = 250W HPSV

ELECTRICAL PLAN SHEET E3

There are five new luminaire poles with 40 foot mounting height and 15 foot mast arms.

There are five new 250 watt high pressure sodium vapor luminaires.

-2-

Submitted: Fri, 05-Oct-2012 13:26 MDT

Company: YELLOWSTONE ELECTRIC

Contact: TIM ROSS

Question:

Please clarify what you are calling for in line 617-453002

Answer:

Submitted: Fri, 05-Oct-2012 14:52 MDT

Please refer to Special Provision #16 - Maintenance of Signalized Intersections.

103 - KINDSFATER WETLAND

-1-

Submitted: Tue, 18-Sep-2012 14:47 MDT

Company: Montana Civil Contractors Inc.

Contact: Bob Koch

Question:

What is the anticipated NTP? Is it a possibility to have Flex Time added to this project?

Answer:

Submitted: Wed. 19-Sep-2012 4:35 MDT

The NTP for this project is approximately four weeks past the award date. Flex time will not be added to the Contract.

-2-

Submitted: Thu, 20-Sep-2012 08:24 MDT

Company: Knife River Billings

Contact: Dave Resch

Question:

Can you make the geopack files available on this project?

Answer:

Submitted: Fri, 21-Sep-2012 3:00 MDT

The available design files for the requested project are posted on the MDT FTP site for your use at:

KINDSFATER WETLAND DESIGN FILES

Please note that this project does not have a .gpk file or cross-sections. The requested files do not represent the staked project, but are only design files. The Department cannot guarantee the accuracy of the electronic data, particularly as it may be called up by your computer, nor does any data in these files supersede the data in the contract documents.

In addition, the Department will not make any revisions to the electronic files pertaining to the staked project, change ordered work, or changes that are made during construction to fit field conditions.

-3-

Submitted: Thu, 27-Sep-2012 07:47 MDT

Company: The Good Earth Works Co.

Contact: Jeff Spooner

Question:

No. 23. REVEGETATION

In item 4. B - Materials. it calls out irrigation of the site, please explain what type and or how this is being done.

Answer:

Submitted: Fri, 28-Sep-2012 9:10 MDT

Delete "and irrigation of the site" in section B. of Special Provision No. 23-REVEGETATION. No irrigation will be required on the project.

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Submitted: Thu, 27-Sep-2012 09:28 MDT

Company: Montana Civil Contractors Inc.

Contact: Bob Koch

Question:

Special Provision 24-Contractor Access Roads; Do all Site Access points and Temporary Construction Roads require installation and removal of geotextile and 8" of coarse bark? If only the Site Access points require this practice, how

far back into the project site will the geotextile and 8" coarse bark need to be? Are there specific areas that require this practice and not others? (Existing Wetlands, etc.?)

Answer:

Submitted: Fri, 28-Sep-2012 8:47 MDT

Delete section D 3) of Special Provision 24-CONTRACTOR ACCESS ROAD, PARKING, STAGING, & STORAGE AREAS.

The geotextile and bark requirements are not necessary.

-5-

Submitted: Thu, 27-Sep-2012 09:36 MDT

Company: Montana Civil Contractors Inc.

Contact: Bob Koch

Question:

1) Is there any recent data on the ground water levels in reference to the bottom of the design elevations of the new cells?

2) Where are Wells 5, 6, & 7 located?

3) Will MDT provide elevations for the top of Wells 6, 7, & 8?

Answer:

Submitted: Mon, 01-Oct-2012 09:35 MDT

The groundwater well log data with a map of the well locations is attached:

GROUNDWATER WELL LOG

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Submitted: Thu, 27-Sep-2012 13:48 MDT

Company: Montana Civil Contractors Inc.

Contact: Bob Koch

Question:

1) Will MDT convert the .DGN Files on the FTP site into .dwg file?

2) How will the finish elevations of the newly excavated cells be verified if they are below groundwater?

Answer:

Submitted: Tue, 02-Oct-2012 09:11 MDT

1) No

2) The finished grade elevations for the wetland cells are to be undulating within a tolerance of plus or minus 8 inches of the grade specified in the plans.

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Submitted: Fri, 28-Sep-2012 09:36 MDT

Company: Montana Civil Contractors Inc.

Contact: Bob Koch

Question:

Is there additional geotechnical information available for this project? If so, I would like to schedule a time to review the available information.

Answer:

Submitted: Mon, 01-Oct-2012 09:35 MDT

Additional Geotechnical information is available, both from the MDT Geotechnical section and MDT Environmental Resources section. The contractor can schedule a time to review the information by contacting Wade Salyards at

444-0451 in the Environmental section or Geotechnical at 444-6281.

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Submitted: Mon, 01-Oct-2012 12:04 MDT
Company: Montana Civil Contractors Inc.
Contact: Bob Koch

Question:

According to the groundwater information provided, it appears the design elevations for the bottom of the majority of cells will be several feet under water. How will this affect topsoil spreading, seeding, and planting? Will MDT modify the design grades during construction to be above the groundwater?

Answer:

Submitted: Tue, 02-Oct-2012 10:21 MDT

Wetland construction very often occurs at or near the groundwater interface. Plan on a considerable portion of the wetland cell excavation occurring under wet conditions. Place topsoil in those areas not underwater to the depths specified in the plans. Where the depth of the water in the excavated area impedes placement of topsoil, the topsoil placement requirement may be waived by the EPM on a case by case basis.

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Submitted: Fri, 05-Oct-2012 13:25 MDT
Company: Quality Landscape Seeding, Inc.
Contact: Lisa M. Read, PE

Question:

Regarding your answer to Mt Civil, "Where the depth of the water in the excavated area impedes placement of topsoil, the topsoil placement requirement may be waived by the EPM on a case by case basis.", how do you anticipate this affecting the conditioning and seeding operation?

Answer:

Submitted: Tue, 09-Oct-2012 08:21 MDT

Where the topsoil requirement is waived by the EPM, the seedbed conditioning and seeding requirements will also be waived.

-10-

Submitted: Fri, 05-Oct-2012 13:28 MDT
Company: Quality Landscape Seeding, Inc.
Contact: Lisa M. Read, PE

Question:

Regarding the wetland seeding mixture: there is a total of 9 lbs/acre (not pls), which seems very light. Is this intentional?

Also, is there an expectation to drill seed or hand broadcast? There is language for both, but no specifications to use either

process separate compared to the other. And for the hand broadcast areas, will conditioning be required?

Answer:

Submitted: Tue, 09-Oct-2012 08:23 MDT
The 9 lbs per acre is correct. All areas that are dry enough and at a slope of 3:1 or flatter are to be drill seeded. The EPM will make the final decision on whether the soil is too wet to operate the drill seeding equipment. Conditioning will not be required for areas that are broadcast seeded.

104 - W OF CHESTNUT - SLIDE REPAIR

Clarification:

Submitted: Thu, 04-Oct-2012 11:15 MDT

An addendum will be issued to delete bid item, 607 100 365, FARM FENCE-PANEL/SINGLE END FW and replace with Item No. 607 100 360, FARM FENCE-PANEL/SINGLE FW, 2.00 EACH. The Single Panels are not "end of run" panels.

Clarification:

Submitted: Thu, 04-Oct-2012 15:19 MDT

An Addendum has been posted for this project. Please click on the following link to access the information.

ADDENDUM

To download the addendum bid file, click here. **BID FILES**

-1-

Submitted: Wed, 19-Sep-2012 16:54 MDT

Company: Maccaferri, Inc.

Contact: Carlos Andrade

Question:

We are interested to bid the materials for the items: Debris Barrier and the Ground Reinforcement Mesh System.

The specifications refer to a a proprietary manufacturer's system. Will equal performing products be accepted?

Answer:

Submitted: Mon, 24-Sep-2012 14:44 MDT

The minimum requirements for the Debris Barrier and the Ground Reinforcement Mesh System are specified in the specifications. No proprietary manufacturer's system is required.

-2-

Submitted: Thu, 04-Oct-2012 13:15 MDT

Company: Knife River-Belgrade

Contact: Steve Baeth

Question:

It appears that the bulk of the work for this project is on private land. I don't find any construction or access

easements shown on the plans or in the specs.

Has MDOT aquired easements for access to and construction of this project?

Answer:

Submitted: Thu, 04-Oct-2012 15:42 MDT

The Department has acquired written approval for access through the private land to the slide area. The private access begins west of the Chestnut Interchange at the end of the paved road and continues on the old telephone access trail to the slide area.

The machinery limitations covered in Special Provision Number 18 also apply to the equipment being taken over the access trail.

-3-

Submitted: Fri, 05-Oct-2012 14:28 MDT

Company: Contech

Contact: Dennis Dirks

Question:

The spec for the articulated concrete block spells out a wet cast system. We can make the same properties with a dry cast system called Armorflex. Can we bid our Armorflex 6" high 50s blocks with galvanized or poly cable in lieu of what is speced? Since ours is a drycast system stainless steel cables are not needed to resist the reaction during the curing process that the wet cast system is subjected to. We have been able to bid on previous MDT jobs versus wet cast cabled concrete. I can provide information if needed.

Answer:

Submitted: Wed, 10-Oct-2012 08:49 MDT

The block mattress in this location will be exposed to a significant amount of deicing chemicals and/or salt due to its physical location in a mountainous pass. It is the contractor's responsibility to provide documentation during the 10 day submittal process that the block mattress system meets or exceeds the specified block mattress system described in Special Provision 19.

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Submitted: Fri, 05-Oct-2012 14:44 MDT

Company: Contech Engineered Solutions

Contact: Barrie King

Question:

For the Block Mattresses for this project, the specification calls for anchors, per manufacturer recommendation. How are the anchors sized and what is the pattern. If anchors are eliminated by the manufacturer, what assurances (hydraulic testing) does Montana DOT have that the system will be stable?

Answer:

Submitted: Wed, 10-Oct-2012 08:46 MDT

The intent of Special Provision 19 is to allow the manufacturer to use their expertise to develop a block mattress system that will function as a sediment trap and allow future access with small equipment to remove accumulated sediment as shown in the sediment trap detail on sheet 11 of the plans. The anchors for the block mattress are to be sized by the manufacturer and placed per their recommendations. If the manufacturer eliminates the

anchors, engineering calculations and/or other documentation must be provided to MDT during the contractor submittal process that show that the proposed block mattress system will properly function without the anchors.

105 - SLD RPR - 7M S OF EKALAKA/MT 11-1

No Questions at this time.

106 - SF 109 BRDG RAIL - S OF HARLOWTON

-1-

Submitted: Fri, 05-Oct-2012 08:29 MDT

Company: Highway Technologies, Inc.

Contact: Gary Eichert

Question:

Plans do not show the number of posts or post spacing on each bridge that requires the backing plate attachments. Can the bridge as built be provided?

Answer:

Submitted: Fri, 05-Oct-2012 09:04 MDT

The as-built bridge plans can be found at the following link: [AS-BUILT BRIDGE PLANS](#)

The files represent the as-built drawings for the structures. MDT provides them for informational purposes only. They do not include drawings for modifications to the structures, such as joint replacements and guardrail revisions and may not completely represent current conditions. Thus, some of the information contained in these documents may be out of date or not applicable with regard to the advertised project. The contractor should not rely solely on the as-built drawings provided for bidding purposes nor does any data in these files supersede the data in the contract documents.